**S1 Table. Occurrence of aphid-tending ant species in each week sampled.**

Aphid-tending ants were actively sampled from treatments:Community and Ant-aphid totalizing 50 sampled beans plants (*Phaseolus vulgaris*). A – Occurrence of ant species in Ant-aphid treatment; and B – Occurrence of ant species in Community treatment.

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Week sampled** | | | | | | | | | |
| **Ant species** | **1st** | **2nd** | **3rd** | **4th** | **5th** | **6th** | **7th** | **8th** | **9th** | **10th** |
| *Linepithema* sp.1 | AC | AC | AC | AC | AC | C | C | AC | AC | AC |
| *Linepithema* sp.2 | AC | AC | AC | AC | AC | AC |  | AC | AC | A |
| *Camponotus* sp.1 |  |  |  |  |  |  |  | A | A | A |
| *Camponotus* sp.3 |  |  |  |  |  | A | AC | A | A | A |
| *Camponotus* sp.4 | C |  |  |  |  | A | A | A | A | A |
| *Hylomyrma* sp.1 | A |  |  |  |  |  |  |  |  |  |
| *Dorymyrmex* sp.1 | AC | AC | A | A | A | A | AC | A | AC | A |
| *Pheidole* sp.1 | C | AC | AC | A | AC | AC | A | C | AC | C |
| *Pheidole* sp.2 | AC | AC | AC | AC | AC | AC | AC | AC | AC | AC |
| *Pheidole* sp.4 | A |  |  |  | A | C | C | A |  | C |
| *Brachymyrmex* sp.1 | AC | A | AC | AC | AC | AC | AC | AC | AC | A |
| *Brachymyrmex* sp.2 |  |  |  | A |  |  |  |  |  |  |
| *Gnamptogenys* sp.1 |  |  |  |  |  | C |  |  |  |  |
| *Ectatomma* sp.1 |  |  |  |  |  | C |  |  |  |  |
| *Crematogaster* sp.1 |  |  |  |  |  |  |  |  | C |  |